

393023118544103 Local number 101 N19 E27 13CCBB3

Basin and Range basin-fill aquifers

Churchill County, NV

LOCATION.--Lat 39°30'23", long 118°54'41" referenced to North American Datum of 1927, in NW ¼ SW ¼ SW ¼ sec.13, T.19 N., R.27 E., Churchill County, Hydrologic Unit 16050203.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 28 ft. Upper casing diameter 2 in; top of first opening 23 ft, bottom of last opening 28 ft.

WELL USE.--Observation well.

DATUM.--Land-surface datum is 4013.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: High side of pvc pipe, -0.3 ft below land-surface datum.

COOPERATION.--Churchill County

REMARKS.--In the Fallon area, basin-fill aquifers have been defined as the shallow aquifer from the water table to depths of 50 ft below land surface, and as the intermediate aquifer from depths of 50 ft to about 500 ft below land surface by Glancy, P.A., 1986, Geohydrology of the basalt and unconsolidated sedimentary aquifers in the Fallon area, Churchill County, Nevada: U.S. Geological Survey Water Supply Paper 2263.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

[Measurement method: T, electric tape. Water-level status: - - , static.]

Date	Water level	Measurement method	Water level status
Oct 18, 2004	12.96	T	--
Nov 16	13.45	T	--
Dec 28	14.14	T	--
Jan 20, 2005	14.54	T	--
Feb 23	15.08	T	--
Mar 23	15.50	T	--
Apr 18	15.86	T	--
May 12	14.52	T	--
Jun 17	13.05	T	--
Jul 13	12.66	T	--
Aug 11	13.28	T	--
Sep 14	11.94	T	--

Highest: 11.94 Sep 14, 2005

Lowest: 15.86 Apr 18, 2005